

400-566

9/9/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

SEP 9 2009

Mr. Michael Dupre
Chemtura Corporation
199 Benson Road
Middlebury, Connecticut 06749-0001

Dear Mr. Dupre:

Subject: Rancona Pinnacle
EPA Registration No. 400-566
Your response to Agency Letter of 5/07/2009
Decision # 406433
Application Dated May 11, 2009

The amendment referred to above, submitted in connection with registration under FIFRA, as amended has been reviewed and is acceptable. If you have any questions, please contact Janet Whitehurst by phone at (703) 305-6129 or via email at whitehurst.janet@epa.gov.

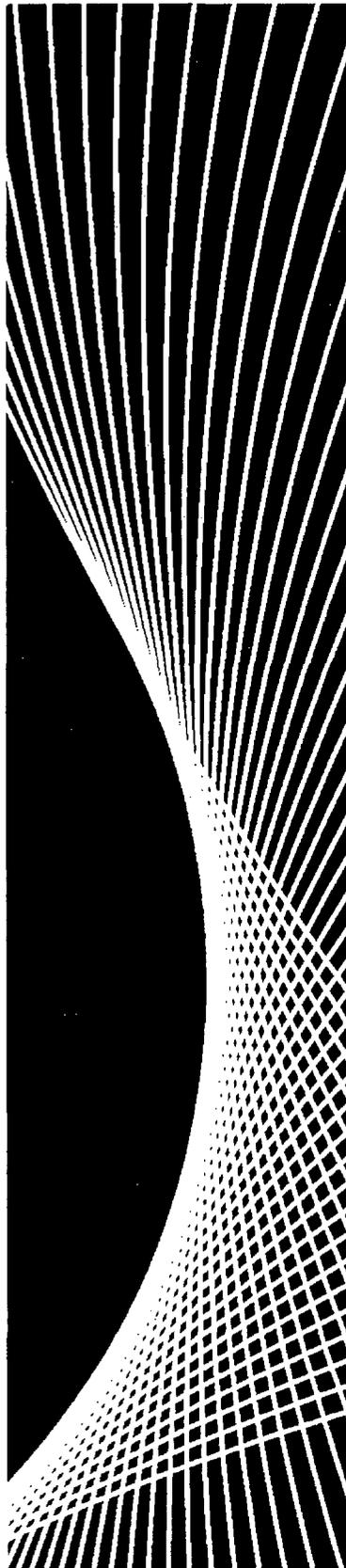
Sincerely yours,


Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7505P)

Enclosure

Rancona™ Pinnacle

SEED PROTECTANT



Net Contents:

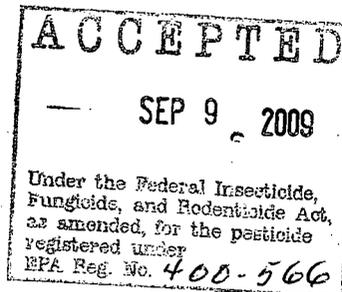
Active Ingredients: (% by weight)	
ipconazole (CAS No. 125225-28-7)	0.434%*
metalaxyl (CAS No. 57837-19-1)	0.579%**
Other Ingredients:	98.987%
Total:	100.000%

*Contains 0.0385 pounds ipconazole per gallon. Contains 4.61 grams ipconazole per liter.

**Contains 0.051 pounds metalaxyl per gallon. Contains 6.12 grams metalaxyl per liter.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	866-430-2775
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300



Manufactured for:
 Chemtura Corporation
 199 Benson Road
 Middlebury, CT 06749
 EPA REG. NO. 400-566
 EPA EST. NO.
 003



www.chemtura.com

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

Applicators and Other Handlers Must Wear: Long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, or Viton; shoes plus socks and protective eyewear. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170-240 (d) (4)], the handler PPE may be reduced or modified as specified in the WPS. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate spilled treated seeds. Do not contaminate water when disposing of equipment washwater or rinsate or by disposal of wastes.

Groundwater Advisory: Metalaxyl is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all label directions carefully before use.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

GENERAL

RANCONA™ PINNACLE is a systemic and contact broad-spectrum fungicide for seed treatment that protects against a wide variety of diseases. RANCONA PINNACLE is effective against *Fusarium*, *Cochliobolis sativus*, *Pythium*, smuts, bunt and leaf stripe. It is also effective against seed rot fungi such as *Aspergillus* and *Penicillium*. Seed should be sound and well-cured before treatment.

Do not use RANCONA PINNACLE in combination with other seed treatment products unless compatibility has been verified. Read and follow carefully all label directions of each combination product. When using combinations of products, the most restrictive of label limitations and precautions must be followed.

SEED TREATMENT EQUIPMENT

RANCONA PINNACLE is both for commercial and for on-farm application. It may be applied with mechanical, slurry, or mist-type seed treating equipment, provided that the equipment can be calibrated to accurately and uniformly apply the product to seed. Uniform application to seed is necessary to ensure best disease protection and optimum performance. Seed should be sound and well-cured before treatment. Refer to the label rates below. In most cases, RANCONA PINNACLE is ready to use and may be applied to seed as is; however, dilution with water may be appropriate for some types of treaters and/or when treating under dry and/or hot conditions, to achieve more uniform product to seed coverage. RANCONA PINNACLE and water should be mixed thoroughly into a slurry prior to treating seed. Recalibrate treating equipment to compensate for the addition of water. The amount of dilution water that is most suitable depends on the seed, treater type and temperature. Contact your local Chemtura representative or supplier for specific recommendations.

APPLICATION INSTRUCTIONS

Crop	RANCONA Pinnacle Rate (fl. oz.) per 100 lbs. Seed	Symptoms Controlled (Disease Organism)	Symptoms Suppressed (Disease Organism)
Barley	5.0 to 8.33	General Seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i> , <i>Pythium</i> and <i>Cochliobolis sativus</i>) True Loose Smut (<i>Ustilago nuda</i>) Covered Smut (<i>U. hordei</i>) False Loose Smut (<i>U. nigra</i>) Early Season Root Rot (<i>Rhizoctonia</i>)	Common root rot (<i>Cochliobolis sativus</i>) Crown and Foot rot (<i>Fusarium</i>) Leaf Stripe (<i>Pyrenophora graminea</i>)
Wheat (Spring and Winter)	5.0 to 8.33	General Seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i> , <i>Pythium</i> and <i>Cochliobolis sativus</i>) Loose Smut (<i>Ustilago tritici</i>) Common Bunt (<i>Tilletia caries</i> , <i>T. foetida</i>) Early Season Root Rot (<i>Rhizoctonia</i>)	Common root rot (<i>Cochliobolis sativus</i>) Crown and Foot rot (<i>Fusarium</i>)
Oats	5.0 to 8.33	General Seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i> , <i>Pythium</i> and <i>Cochliobolis sativus</i>) Loose Smut (<i>Ustilago avenae</i>) Covered Smut (<i>U. segetum</i> var. <i>hordei</i>)	Common root rot (<i>Cochliobolis sativus</i>) Crown and Foot rot (<i>Fusarium</i>)
Rye, Triticale	5.0 to 8.33	General Seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>) Seed rot, damping off and seedling blight (seed- and soil-borne <i>Fusarium</i> , <i>Pythium</i> and <i>Cochliobolis sativus</i>)	Root rot
Buckwheat	5.0 to 8.33	General Seed rots (including those caused by <i>Penicillium</i> and <i>Aspergillus</i>)	Root rot
Sorghum	5.0 to 8.33	Seed rot, damping off and seedling blight (seed- and soil-borne fungi including <i>Pythium</i>)	Root rot

Use the higher rate when disease pressure is expected to be high, or when there is a history of high disease levels in the field.

TREATED SEED LABELING

All seed treated with RANCONA PINNACLE must be labeled:
"This seed has been treated with ipconazole and metalaxyl. Do not use treated seed for food, feed, or oil purposes. Store away from feed and food stuffs."

USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes. Care must be exercised in the handling of treated seed. Augers used for handling treated seed should not be used to move seed for feed, food or oil processing. Do not re-use bags from treated seed to handle food or feed products.

Treatment of highly mechanically damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment. Due to seed quality and seed storage conditions beyond the control of Chemtura, Chemtura makes no claims or guarantees as to germination of carry-over seed.

ALWAYS SHAKE OR STIR PRODUCT WELL BEFORE USE

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is temperate, dry and out of direct sunlight. Avoid excess heat. Do not freeze. ALWAYS SHAKE OR STIR WELL BEFORE USE.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Cover or incorporate spilled treated seeds.

EQUIPMENT CLEANING: Following applications, all seed treatment equipment should be thoroughly rinsed with water. Do not contaminate water by disposal of equipment washwater or rinsate.

CONTAINER DISPOSAL:

Nonrefillable Container

Plastic Containers: Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Then offer container for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Refillable Container

Mini-bulk Containers: Refill this container with RANCONA PINNACLE. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Recycling: Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer or contact the Ag Container Recycling Council (ACRC) at 1-877-952-2272 (toll free) or www.acrecycle.org.

IMPORTANT NOTICE - Seller warrants that this product conforms to the chemical description and is reasonable fit for the purposes stated on the label only when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product, contrary to label instructions, or under conditions not reasonably foreseeable to seller, and, to the extent consistent with applicable law, the buyer assumes the risk of any such use.

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